

III. Amendments to the Drawings:

Please replace Figure 2 with the replacement sheet for Figure 2 which is attached to this paper.

No new matter has been added.

REMARKS

Reconsideration and allowance of the subject application are respectfully requested.

Applicant has amended the title of the invention. It is believed that the new title is clearly indicative of the invention to which the claims are directed.

A replacement drawing sheet has been provided as a replacement to Figure 2. In the replacement drawing, the prostate is shown.

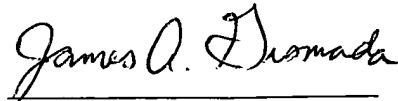
No new matter has been added. For example, at page 18, lines 15-17 of the specification as originally filed, the following sentence appears: "The angle, a, between them would be variable to accommodate imaging of organs such as the prostate, that might require non-parallel arrangement of the detector modules." Therefore, the prostate is a body part that is disclosed within the specification as originally filed. Figure 2 clearly illustrates a body part 12 being immobilized and compressed by compression arm 28 and compression arm 30. Item 12 in Figure 2 is consistently referred to as a "body part" throughout the specification. In the context of the first full paragraph on page 18, the body part 12 can be understood as being a prostate. Thus, no new matter has been added.

Claims 1 and 25-44 stand rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over Claims 4, 5, 7, 11, and 12 of U.S. Patent No. 6,740,882. Without conceding the propriety of the rejection, a terminal disclaimer is submitted herewith.

In view of the above, it is believed that this application is now in condition for allowance, and a Notice thereof is respectfully requested.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should be directed to our address given below.

Respectfully submitted,

A handwritten signature in cursive script, reading "James A. Gromada". The signature is written in dark ink and is positioned above a horizontal line.

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